

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-335701
(43)Date of publication of application : 24. 11. 1992

(51)Int. CI. H01P 7/10
H03B 5/18

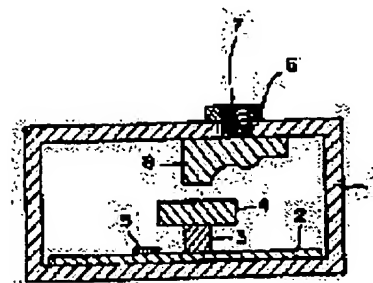
(21)Application number : 03-133274 (71)Applicant : FUJITSU LTD
(22)Date of filing : 10. 05. 1991 (72)Inventor : TOHIRA KAZUSHIRO

(54) MICROWAVE OSCILLATOR

(57)Abstract:

PURPOSE: To make the entire oscillator small by minimizing the projection from a case.

CONSTITUTION: The microwave oscillator is provided with an oscillation circuit comprising combination of a microstrip line 5, an active element and a passive element in the vicinity of a dielectric resonator 4 fixed onto a dielectric board 2 in a case 10 via a support base 3 and with a frequency adjustment means comprising a metal-made disk 8 with a different thickness of a circumference on the dielectric resonator 4, inserted to a throughhole of the case 10 and fixed to a lower end of a metal-made screw 7 threaded to a nut 6 on the throughhole. An upper end of the screw section 7 is not projected from the upper face of the nut 6 when the screw section of the frequency adjustment means is turned.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

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